



This document includes the Section 3.0, Vessels Generating Deck Runoff, of the Draft EPA "Weather Deck Runoff Discharge Assessment Report" published in 2003. The reference number is: EPA-842-D-06-007

# **DRAFT**

## **Discharge Assessment Report**

### **Weather Deck Runoff**

Section 3.0 - Vessels Generating Deck Runoff

2003

## **3.0 Vessels Generating Deck Runoff**

### **3.1 Introduction**

The criteria for vessel grouping are found in the *Development of Vessel Groups and Selection of Representative Vessel Classes for Feasibility and Environmental Effects Analyses* guidance. A vessel group is defined as a set of vessel classes with enough similar operational and discharge characteristics to allow application of feasibility analyses and environmental effects analyses conclusions to all vessels within the group.

All vessels generate deck runoff. Multiple topside processes contribute constituents to deck runoff. Some of these processes occur across most vessel classes (e.g., preservation of exterior topside surfaces), while other processes are limited to a few vessel classes (e.g., launching of fixed wing aircraft by aircraft carriers). The constituents in deck runoff are directly related to the topside processes on that vessel; because there are many different combinations of topside equipment, forming vessel groups is ineffective. Therefore, vessel groups for deck runoff were not created as described in the *Development of Vessel Groups and Selection of Representative Vessels for Feasibility and Environmental Effects Analyses* guidance (EPA and DOD, 2000a). Alternatively, the Navy and EPA organized the topside processes that contribute constituents to deck runoff into six main categories, as explained in Section 1.0 and Table 1-1, and analyzed each category.